

GenCore version 5.1.4 p5.4578  
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OM nucleic - nucleic search, using sw model

Run on: March 15, 2003, 12:16:13 ; Search time 0.664702 Seconds  
(without alignments)  
9688.871 Million cell updates/sec

Title: US-08-978-217-14

Perfect score: 21  
Sequence: 1 GTACCTCATGCGCCGCTCAG 21

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338361 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents NA:\*

1: /cgn2\_6/prodata/1/ina/5A COMB.seq:\*  
2: /cgn2\_6/prodata/1/ina/5B COMB.seq:\*  
3: /cgn2\_6/prodata/1/ina/6A COMB.seq:\*  
4: /cgn2\_6/prodata/1/ina/6B COMB.seq:\*  
5: /cgn2\_6/prodata/1/ina/PCTUS COMB.seq:\*  
6: /cgn2\_6/prodata/1/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	21	100.0	1920	1	US-08-746-789A-1
C 2	16.4	78.1	5499	3	US-08-479-722B-1
C 3	16.4	78.1	5502	5	PCT-US95-02251-17
C 4	16.2	77.1	2266	2	US-09-213-767-1
C 5	15.8	75.2	671	4	US-09-129-030-29
C 6	15.8	75.2	1479	4	US-08-868-373-3
C 7	15.8	75.2	1533	4	US-09-522-217-88
C 8	15.8	75.2	2224	4	US-09-221-017B-384
C 9	15.8	75.2	2877	4	US-09-619-353-1
C 10	15.8	75.2	3072	4	US-09-522-217-55
C 11	15.2	72.4	848	3	US-09-009-913-338
C 12	15.2	72.4	856	4	US-09-535-008-55
C 13	15.2	72.4	2385	4	US-08-352-902D-145
C 14	15.2	72.4	2484	2	US-08-209-521-8
C 15	15.2	72.4	2484	4	US-08-961-810-4
C 16	15.2	72.4	2484	4	US-08-352-902D-4
C 17	15.2	72.4	2525	4	US-08-284-312B-1
C 18	15.2	72.4	2525	4	US-08-468-024B-1
C 19	15.2	72.4	2667	2	US-08-469-412A-1
C 20	15.2	72.4	2667	4	US-09-021-715-1
C 21	15	71.4	827	4	US-09-333-599-5
C 22	15	71.4	870	4	US-09-333-599-1
C 23	14.8	70.5	778	4	US-08-998-416-220
C 24	14.8	70.5	1021	4	US-09-095-117-5
C 25	14.8	70.5	1030	4	US-09-095-117-7
C 26	14.8	70.5	5894	3	US-08-665-259-24
C 27	14.8	70.5	5894	3	US-08-762-500-24

C 28	14.8	70.5	6525	3	US-08-762-500-74	Sequence 74, Appl
C 29	14.8	70.5	5965	4	US-09-813-817-3	Sequence 3, Appl
C 30	14.8	70.5	5965	4	US-09-978-197-3	Sequence 3, Appl
C 31	14.6	69.5	319	4	US-09-385-982-310	Sequence 310, App
C 32	14.6	69.5	348	4	US-09-328-111-398	Sequence 398, App
C 33	14.6	69.5	1402	1	US-08-447-965A-1	Sequence 1, Appl
C 34	14.6	69.5	1465	4	US-09-444-336-6	Sequence 6, Appl
C 35	14.6	69.5	1549	4	US-09-444-336-5	Sequence 5, Appl
C 36	14.6	69.5	2267	4	US-08-679-645-25	Sequence 25, Appl
C 37	14.6	69.5	2664	2	US-08-942-819-1	Sequence 1, Appl
C 38	14.6	69.5	4800	3	US-08-941-445A-4	Sequence 4, Appl
C 39	14.6	69.5	7130	4	US-09-056-105-31	Sequence 31, Appl
C 40	14.6	69.5	14507	3	US-08-785-150-1	Sequence 1, Appl
C 41	14.6	69.5	14507	4	US-09-660-299-1	Sequence 1, Appl
C 42	14.6	69.5	14507	4	US-09-435-377-1	Sequence 1, Appl
C 43	14.4	68.6	1246	1	US-08-097-828-2	Sequence 2, Appl
C 44	14.4	68.6	1246	1	US-08-480-756-2	Sequence 2, Appl
C 45	14.4	68.6	1246	2	US-08-462-403-2	Sequence 2, Appl

## ALIGNMENTS

RESULT 1  
US-08-746-789A-1/c  
Sequence 1, Application US/08746789A  
Patent No. 5789200  
GENERAL INFORMATION:  
APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck  
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Smithkline Beecham Corporation  
STREET: 709 Swedeland Road, P.O. Box 1539  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: MICROSOFT WORD  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/746,789A  
FILING DATE: No. 5789200el 15, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: William T. Han  
REGISTRATION NUMBER: 34,344  
REFERENCE/DOCKET NUMBER: ATG 50024  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610 270 5219  
TELEFAX: 610 270 4026  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1920  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: NO  
US-08-746-789A-1  
Query Match 100.0%; Score 21; DB 1; Length 1920;  
Best Local Similarity 100.0%; Pred. No. 0.23;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Db 1119 GTACCTCATGCGCCGCTCAG 1099

RESULT 2  
US-08-479-722B-1/c  
Sequence 1, Application US/08479722B  
Patent No. 6074840  
GENERAL INFORMATION:  
APPLICANT: Bonadio, Jeffrey  
APPLICANT: Yin, Mushan  
TITLE OF INVENTION: LATENT TGF ( BINDING PROTEIN (LTBP)  
TITLE OF INVENTION: GENES, COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Williams, Morgan & Amerson  
STREET: 7676 Hillmont, Suite 250  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77040  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/479,722B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US PCT/US95/02251  
FILING DATE: 21-FEB-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/316,650  
FILING DATE: 30-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/199,780  
FILING DATE: 18-FEB-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Fussey, Shelley P. M.  
REGISTRATION NUMBER: 39,458  
REFERENCE/DOCKET NUMBER: 4100.000500/FUS  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713) 934-7000  
TELEFAX: (713) 934-7011  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5499 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE:  
DESCRIPTION: /desc = "DNA"  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..5499  
US-08-479-722B-1

Query Match 78.1%; Score 16.4; DB 3; Length 5499;  
Best Local Similarity 94.4%; Pred. No. 34;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3 ACCATGCGCCGGCTCA 20  
|||||  
Db 3158 ACCTCATAGCCCGGCTCA 3141

RESULT 3  
PCT-US95-02251-17/c  
Sequence 17, Application PC/TUS9502251  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING BONE  
TITLE OF INVENTION: CELLS

NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: United States of America  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII  
SOFTWARE: Patentin Release #1.0, Version  
SOFTWARE: #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/02251  
FILING DATE: CONCURRENTLY HERewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/316,650  
FILING DATE: 30-SEP-1994  
CLASSIFICATION:  
APPLICATION NUMBER: US 08/199,780  
FILING DATE: 18-FEB-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, David L.  
REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: UMICO09P--  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (713) 789-2679  
TELEX: 79-0924  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5502 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..5502  
PCT-US95-02251-17

Query Match 78.1%; Score 16.4; DB 5; Length 5502;  
Best Local Similarity 94.4%; Pred. No. 34;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3 ACCATGCGCCGGCTCA 20  
|||||  
Db 3158 ACCTCATAGCCCGGCTCA 3141

RESULT 4  
US-09-213-767-1/c  
Sequence 1, Application US/09213767  
Patent No. 5948680  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION  
FILE REFERENCE: RTS-0024  
CURRENT APPLICATION NUMBER: US/09/213,767  
CURRENT FILING DATE: 1998-12-17  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 1  
LENGTH: 2266  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS

LOCATION: (316)..(1602)  
US-09-213-767-1

Query Match 77.1%; Score 16.2; DB 2; Length 2266;  
Best Local Similarity 85.7%; Pred. No. 41;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 GTACCTCATGCGCCGGCTCAG 21  
Db 513 GTACCGCAGAGCGCCGGCTCAG 493

RESULT 5  
US-09-129-030-29  
Sequence 29, Application US/09129030A  
Patent No. 6242221  
GENERAL INFORMATION:  
APPLICANT: COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION  
TITLE OF INVENTION: GENOMIC PPO CLONES  
FILE REFERENCE: 57072-PCT-US  
CURRENT APPLICATION NUMBER: US/09/129,030A  
CURRENT FILING DATE: 1998-08-04  
EARLIER APPLICATION NUMBER: AU PNT856  
EARLIER FILING DATE: 1996-02-05  
EARLIER APPLICATION NUMBER: AU P02361  
EARLIER FILING DATE: 1996-09-16  
EARLIER APPLICATION NUMBER: PCT/AU97/00041  
EARLIER FILING DATE: 1997-01-24  
NUMBER OF SEQ ID NOS: 66  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 29  
LENGTH: 671  
TYPE: DNA  
ORGANISM: LETTUCE  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)..(669)  
US-09-129-030-29

Query Match 75.2%; Score 15.8; DB 4; Length 671;  
Best Local Similarity 89.5%; Pred. No. 60;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2 TACCTCATGCGCCGGCTCA 20  
Db 455 TACCACATGCGCCGGCTCA 473

RESULT 6  
US-08-868-373-3  
Sequence 3, Application US/08868373  
Patent No. 6307128  
GENERAL INFORMATION:  
APPLICANT: Jaworski, Jan G.  
APPLICANT: Post-Beltemmiller, Martha A.  
APPLICANT: Todd, James  
TITLE OF INVENTION: FATTY ACID ELONGASES  
FILE REFERENCE: 07148/064001  
CURRENT APPLICATION NUMBER: US/08/868,373  
CURRENT FILING DATE: 1997-06-03  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 3  
LENGTH: 1479  
TYPE: DNA  
ORGANISM: Arabidopsis thaliana  
US-08-868-373-3

Query Match 75.2%; Score 15.8; DB 4; Length 1479;  
Best Local Similarity 89.5%; Pred. No. 62;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 2 TACCTCATGCGCCGGCTCA 20

Db 211 TACCTCATGACCGGCCCA 229

RESULT 7  
US-09-522-217-88  
Sequence 88, Application US/09522217  
Patent No. 6307024  
GENERAL INFORMATION:  
APPLICANT: No. 6307024K, Julia E.  
APPLICANT: Presnell, Scott R.  
APPLICANT: Sprecher, Cindy A.  
APPLICANT: Foster, Donald C.  
APPLICANT: Holly, Richard D.  
APPLICANT: Gross, Jane A.  
APPLICANT: Johnston, Janet V.  
APPLICANT: Nelson, Andrew J.  
APPLICANT: Dillon, Stacey R.  
APPLICANT: Hammond, Angela K.  
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
FILE REFERENCE: 99-16  
CURRENT APPLICATION NUMBER: US/09/522,217  
CURRENT FILING DATE: 2000-03-09  
EARLIER APPLICATION NUMBER: US 60/123,547  
EARLIER FILING DATE: 1999-03-09  
EARLIER APPLICATION NUMBER: US 60/123,904  
EARLIER FILING DATE: 1999-03-11  
EARLIER APPLICATION NUMBER: US 60/142,013  
EARLIER FILING DATE: 1999-07-01  
NUMBER OF SEQ ID NOS: 115  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 88  
LENGTH: 1533  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: MBP-mouse zalphal1 ligand fusion polynucleotide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)...(1533)  
US-09-522-217-88

Query Match 75.2%; Score 15.8; DB 4; Length 1533;  
Best Local Similarity 89.5%; Pred. No. 62;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3 ACTCATGCGCCGGCTCAG 21  
Db 1364 ACTCTGTGCGCCGAGCTCAG 1382

RESULT 8  
US-09-221-017B-384  
Sequence 384, Application US/09221017B  
Patent No. 6444799  
GENERAL INFORMATION:  
APPLICANT: Rose, Bruce C.  
TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF  
NUMBER OF SEQUENCES: 1120  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 PAGE MILL ROAD  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/221,017B

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: FILING DATE: 23-DEC-1998
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PP1182
: FILING DATE: 31-DEC-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PP1546
: FILING DATE: 30-JAN-1998
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PP2911
: FILING DATE: 09-APR-1998
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/AU98/01023
: FILING DATE: 10-DEC-1998
: ATTORNEY/AGENT INFORMATION:
: NAME: Monroy, Gladys H
: REGISTRATION NUMBER: 32,430
: REFERENCE/DOCKET NUMBER: 27340-20021.00
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 650-813-5600
: TELEFAX: 650-494-0792
: TELEX: 706141
: INFORMATION FOR SEQ ID NO: 384:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 2224 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: circular
: MOLECULE TYPE: DNA (genomic)
: HYPOTHETICAL: NO
: ANTI-SENSE: UNKNOWN
: ORIGINAL SOURCE:
: ORGANISM: PORPHYROMONAS GINGIVALIS
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: 1...2224
: US-09-221-0178-384

Query Match          75.2%; Score 15.8; DB 4; Length 2224;
Best Local Similarity 89.5%; Pred. No. 63;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2 TACCTCATGCCCCGGCTCA 20
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Db      1449 TACCACATGCCCCGGCACA 1467

RESULT 9
US-09-619-353-1
: Sequence 1, Application US/09619353
: Patent No. 6410249
: GENERAL INFORMATION:
: APPLICANT: Ngai, John
: APPLICANT: Speca, David J.
: APPLICANT: Lin, David M.
: APPLICANT: Isaacoff, Ehud Y.
: APPLICANT: Dittman, Andrew H.
: APPLICANT: Fan, Jinhong
: TITLE OF INVENTION: Odorant Receptors
: FILE REFERENCE: B99-038-2
: CURRENT APPLICATION NUMBER: US/09/619,353
: PRIOR FILING DATE: 2000-07-19
: PRIOR APPLICATION NUMBER: 60/144,766
: PRIOR FILING DATE: 1999-07-20
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: Patent Ver. 2.1
: SEQ ID NO 1
: LENGTH: 2877
: TYPE: DNA
: ORGANISM: Carassius auratus
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (34)..(2664)
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US-09-619-353-1
Query Match          75.2%; Score 15.8; DB 4; Length 2877;
Best Local Similarity 89.5%; Pred. No. 64;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2 TACCTCATGCCCCGGCTCA 20
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Db      2323 TACCTCATGCGCTGGTCA 2341

RESULT 10
US-09-522-217-55
: Sequence 55, Application US/09522217
: Patent No. 6307024
: GENERAL INFORMATION:
: APPLICANT: No. 6307024ak, Julia E.
: APPLICANT: Presnell, Scott R.
: APPLICANT: Sprecher, Cindy A.
: APPLICANT: Foster, Donald C.
: APPLICANT: Holly, Richard D.
: APPLICANT: Gross, Jane A.
: APPLICANT: Johnston, Janet V.
: APPLICANT: Nelson, Andrew J.
: APPLICANT: Dillon, Stacey R.
: APPLICANT: Hammond, Angela K.
: TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
: FILE REFERENCE: 99-16
: CURRENT APPLICATION NUMBER: US/09/522,217
: EARLIER FILING DATE: 2000-03-09
: EARLIER APPLICATION NUMBER: US 60/123,547
: EARLIER FILING DATE: 1999-03-09
: EARLIER APPLICATION NUMBER: US 60/123,904
: EARLIER FILING DATE: 1999-03-11
: EARLIER APPLICATION NUMBER: US 60/142,013
: EARLIER FILING DATE: 1999-07-01
: NUMBER OF SEQ ID NOS: 115
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 55
: LENGTH: 3072
: TYPE: DNA
: ORGANISM: mus musculus
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (54)...(491)
: US-09-522-217-55

Query Match          75.2%; Score 15.8; DB 4; Length 3072;
Best Local Similarity 89.5%; Pred. No. 64;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3 ACCTCATGCCCCGGCTCAG 21
      |||||
Db      325 ACCTCGTGCCCCAGCTCAG 343

RESULT 11
US-09-009-913-338/C
: Sequence 338, Application US/09009913
: Patent No. 6087485
: GENERAL INFORMATION:
: APPLICANT: Axxs Pharmaceuticals, Inc.
: TITLE OF INVENTION: Asthma Related Genes
: NUMBER OF SEQUENCES: 339
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Bozicevic & Reed, LLP
: STREET: 285 Hamilton Ave, Suite 200
: CITY: Palo Alto
: STATE: CA
: COUNTRY: USA
: ZIP: 94301
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
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COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,913  
FILING DATE: 21-Jan-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sherwood, Pamela J  
REGISTRATION NUMBER: 36,677  
REFERENCE/DOCKET NUMBER: SEQ-4P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-327-3231  
TELEFAX: 650-327-3231  
TELEX:  
INFORMATION FOR SEQ ID NO: 338:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 848 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: Coding Sequence  
LOCATION: 1..848  
OTHER INFORMATION:  
US-09-009-913-338

Query Match 72.4%; Score 15.2; DB 3; Length 848;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2 TACTCATGGCCCGCTCAG 21  
Db 806 TATCTCATAGCCCGCTGAG 787

RESULT 12  
US-09-535-008-55/c  
Sequence 55, Application US/09535008  
Patent No. 6465629  
GENERAL INFORMATION:  
APPLICANT: Wong, Alexander K.C.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Teng, David H.-F.  
TITLE OF INVENTION: BRG1 IS A TUMOR SUPPRESSOR THAT IS MUTATED IN PROSTATE  
FILE REFERENCE: 2318-259  
CURRENT APPLICATION NUMBER: US/09/535,008  
CURRENT FILING DATE: 2000-03-23  
EARLIER APPLICATION NUMBER: U.S. 60/125,806  
EARLIER FILING DATE: 1999-03-23  
NUMBER OF SEQ ID NOS: 77  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 55  
LENGTH: 856  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-535-008-55

Query Match 72.4%; Score 15.2; DB 4; Length 856;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1 GTACCTCATGGCCCGCTCA 20  
Db 718 GTTCTCATAGCCCGCTCA 699

RESULT 13

US-08-352-902D-145/c  
Sequence 145, Application US/08352902D  
Patent No. 6191268  
GENERAL INFORMATION:  
APPLICANT: Liakay, Robert M.  
APPLICANT: Bronner, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Roni J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA  
MISMATCH REPAIR GENES  
NUMBER OF SEQUENCES: 149  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack & Heuser  
STREET: 520 S.W. Yamhill Street, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/352,902D  
FILING DATE: 09-Dec-1994  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
TELEX: 360619  
INFORMATION FOR SEQ ID NO: 145:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2385 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
POSITION IN GENOME:  
MAP POSITION: Human Chromosome 3p21.3-23  
SEQUENCE DESCRIPTION: SEQ ID NO: 145:  
US-08-352-902D-145

Query Match 72.4%; Score 15.2; DB 4; Length 2385;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1 GTACCTCATGGCCCGCTCA 20  
Db 1456 GAACCTCATGTCCTGCTCA 1437

RESULT 14  
US-08-209-521-8/c  
Sequence 8, Application US/08209521  
Patent No. 5922855  
GENERAL INFORMATION:  
APPLICANT: Liakay, Robert M.  
APPLICANT: Bronner, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Roni J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: MAMMALIAN DNA MISMATCH REPAIR GENES  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &

ADDRESSEE: Heuser  
STREET: 520 S.W. Yamhill, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: US  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/209,521  
FILING DATE: 08-MAR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2484 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
POSITION IN GENOME:  
MAP POSITION: 3p21.3-23  
US-08-209-521-8

Query Match 72.4% Score 15.2; DB 2; Length 2484;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 GTACCTCATGGCCCGCTCA 20  
Db 1582 GAACCTCATGTCCCTGCTCA 1563

RESULT 15  
US-08-961-810-4/c  
Sequence 4, Application US/08961810  
Patent No. 6165713  
GENERAL INFORMATION:  
APPLICANT: Liskay, Robert M.  
APPLICANT: Bromer, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Ronl J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA  
TITLE OF INVENTION: MISMATCH REPAIR GENES  
NUMBER OF SEQUENCES: 134  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &  
STREET: 520 S.W. Yamhill Street, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/961,810  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:

NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
TELEX: 360619  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2484 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-961-810-4

Query Match 72.4% Score 15.2; DB 4; Length 2484;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 GTACCTCATGGCCCGCTCA 20  
Db 1582 GAACCTCATGTCCCTGCTCA 1563

Search completed: March 15, 2003, 15:13:12  
Job time : 4.6647 secs